

2621
PATENT

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June 20, 2003
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SIGNATURE DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John J. Berenz et al.
Serial No. : 09/621,772
Filing Date : July 21, 2000
For : APPLICATION OF HUMAN FACIAL
FEATURES RECOGNITION TO
AUTOMOBILE SECURITY AND
CONVENIENCE
Art Unit : 2621
Examiner : Hussein Akhavannik
Attorney Docket : TRW(TE) 6546
Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Sir:

1. Pursuant to 37 CFR §1.97 and §1.98, and in compliance with CFR §1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed. Applicant(s) make no admission that the enclosed documents are prior art to the present invention.
2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a corresponding U.S. Patent is enclosed, or an English abstract, or a concise explanation of the relevance of the document is set forth on an attached sheet.

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3. Pursuant to 37 CFR \$1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within three months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits.
- (c) ☒ After the period set forth in 37 CFR \$1.97(b) but before the mailing date of either a final action or a notice of allowance or an action that otherwise closes prosecution in the application.
 - 1) ☐ A certification is given below,
 - 2) ☒ Enclosed is a check covering the fee (\$180.00) set forth in \$1.17(p) for consideration of this Statement, or
 - 3) ☐ Charge the fee set forth in 37 CFR \$1.17(p) to Deposit Account No. 20-0090.
- (d) ☐ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. The required certification and fee is indicated below.
 - 1) ☐ Enclosed is a check covering the fee set forth in 37 CFR \$1.17(p) \$180, or
 - 2) ☐ Charge the fee set forth in 37 CFR \$1.17(p) to Deposit Account No. 20-0090.

4. Certification (if applicable):

- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the undersigned's knowledge after making reasonable inquiry no item of information contained in the Statement, was known to any individual designated in 37 CFR \$1.56(c) more than three months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees, fees underpaid, or credit any overpayment with regard to this Statement to Deposit Account No. 20-0090.

6. Concise Explanation (if needed):

- (1) ☐ Below is a Concise Statement of Relevance of enclosed non-English language document(s).

U.S. PATENT DOCUMENTS

U.S. Patent No. 4,625,329

U.S. Patent No. 5,008,946

U.S. Patent No. 6,144,366

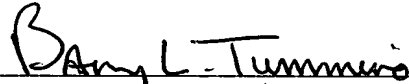
OTHER DOCUMENTS

Pending U.S. Berenz et al. Patent Appln. Serial No. 09/607,090, filed June 29, 2000 entitled HUMAN PRESENCE DETECTION, IDENTIFICATION AND TRACKING USING A FACIAL FEATURE IMAGE SENSING SYSTEM FOR AIRBAG DEPLOYMENT, Attorney Docket No. TRW(TE)6545.

Pending U.S. Berenz et al. Patent Appln. Serial No. 09/621,160, filed July 21, 2000 entitled APPLICATION OF HUMAN FACIAL FEATURES RECOGNITION TO AUTOMOBILE SAFETY, Attorney Docket No. TRW(TE)6547.

Pending U.S. Berenz et al. Patent Appln. Serial No. 09/607,008, filed June 29, 2000 entitled OPTIMIZED HUMAN PRESENCE DETECTION THROUGH ELIMINATION OF BACKGROUND INTERFERENCE, Attorney Docket No. TRW(TE)6548.

Respectfully submitted,



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